Soybean Climate Hedging Report

1. Hedging Input Summary

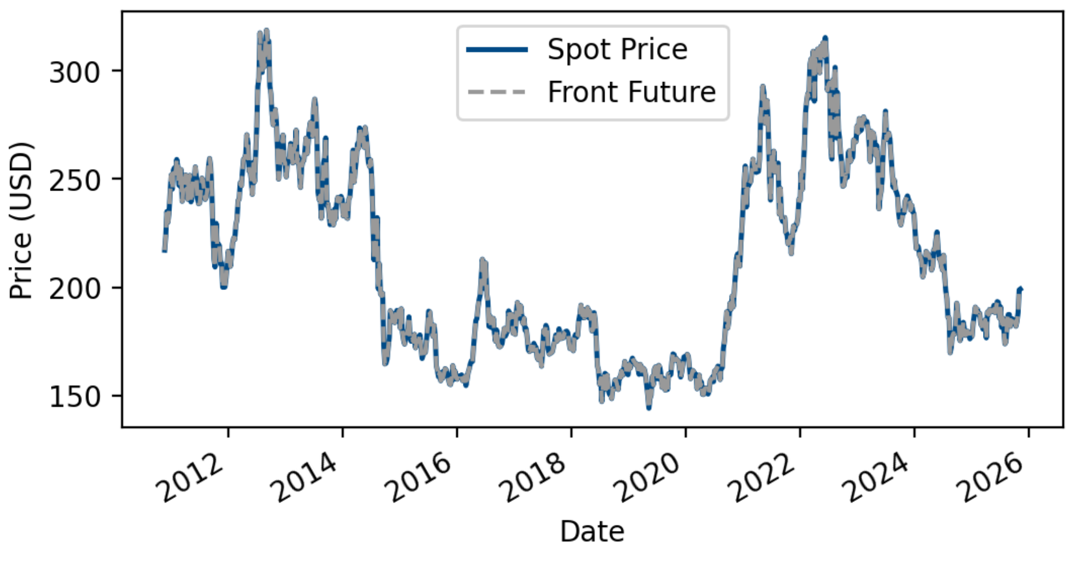
Profile	Balanced
Role	Importer
Scenario	Baseline
Risk Score	51.4 / 100
Forecast Horizon	8 weeks
Exposure	10,000 USD
Suggested Hedge Ratio	60.0%
Hedge Notional	6,000 units
Instrument	Long put options

Based on the **baseline** scenario and a global risk level of **51.4**, the suggested hedge ratio is **60.0%** of exposure (6,000 units). As a **importer** under a **balanced** profile, the recommended instrument is **long put options**. This reflects Agrivise's 8-week ARIMAX forecast and climate risk assessment.

2. Market Prices Overview

Observed spot and futures prices (15-year rolling window) used in model inputs.

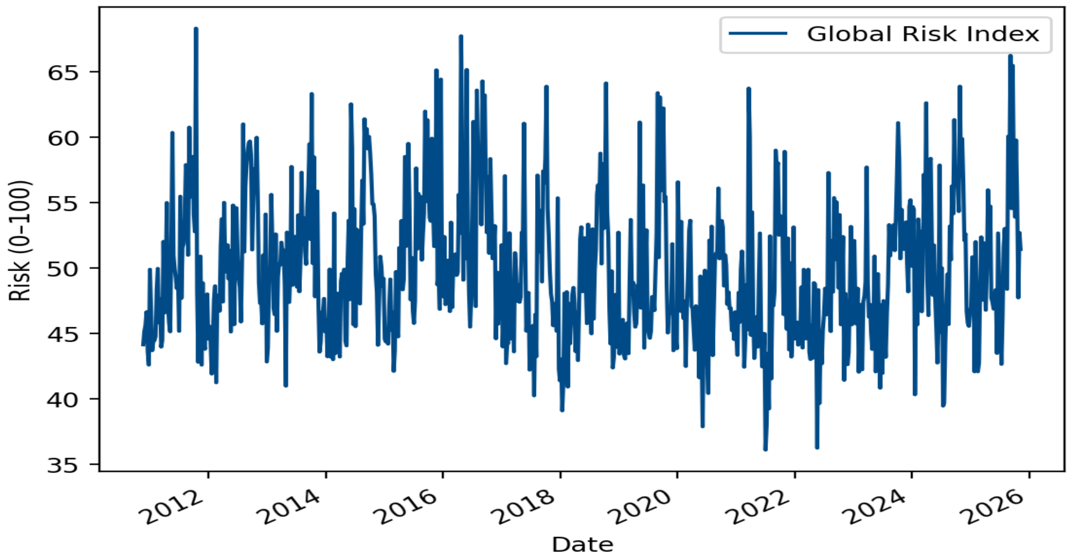
Market Prices (Spot & Futures)



3. Global Climate Risk Index

Aggregated anomalies (temperature, precipitation, NDVI) across key producing regions. Values above 50 indicate elevated climatic stress.

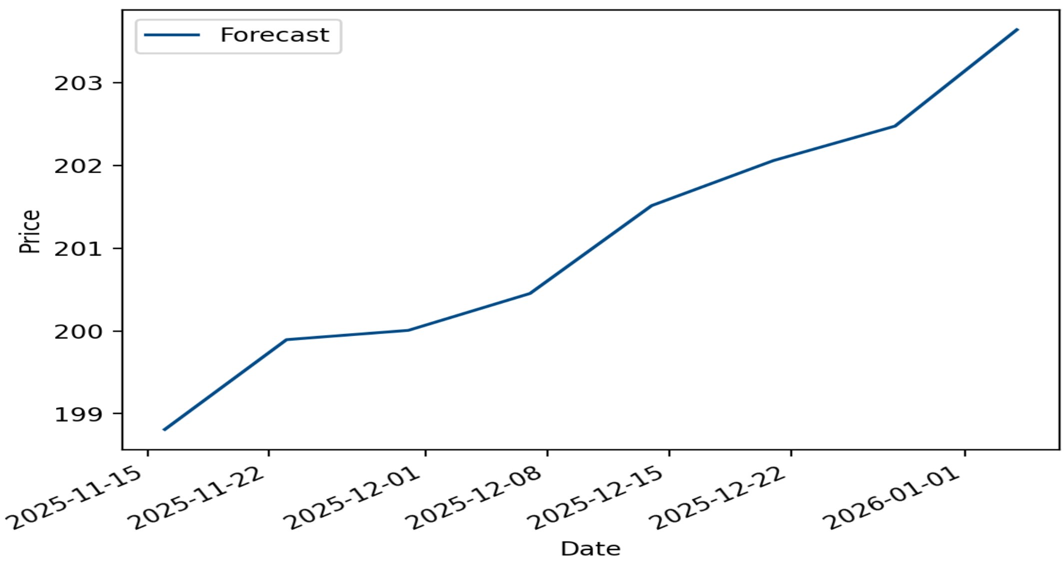
Global Climate Risk Index Over Time



4. ARIMAX Price Forecast

The ARIMAX model combines historical prices with global risk index to forecast the next 8 weeks.

ARIMAX Price Forecast (8-week Horizon)



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